

Practitioner's Docket No. NEB-198-PUS

CHAPTER II

Preliminary Classification:  
Proposed Class:  
Subclass:

TRANSMITTAL LETTER  
TO THE UNITED STATES ELECTED OFFICE (EO/US)  
(ENTRY INTO U.S. NATIONAL PHASE UNDER CHAPTER II)

PCT/US03/00542	09 January 2003 (9.01.03)	10 January 2002 (10.01.02)
International Application No.	International Filing Date	Priority Date Claimed

Alteration of Restriction Endonuclease Specificity by Genetic Selection  
Title of Invention

New England Biolabs, Inc.; Samuelson, James C.; Xu, Shuang-yong  
Applicant(s)

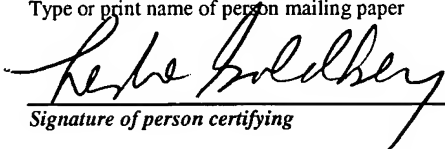
Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
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ATTENTION: EO/US

EXPRESS MAILING UNDER 37 C.F.R. § 1.10\*  
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I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. ED 281067147 US.

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10/501196  
DT04 Rec'd PCT/PTO 09 JUL 2004

- I. Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 U.S.C. § 371:
- a. This express request to immediately begin national examination procedures (35 U.S.C. § 371(f)).
  - b. The U.S. National Fee (35 U.S.C. § 371(c)(1)) and other fees (37 C.F.R. § 1.492) as indicated below:

10/501196

DT04 Rec'd PCT/PTO 09 JUL 2004

## 2. Fees

CLAIMS FEE*	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	<b>TOTAL CLAIMS</b>	21 - 20 =	1	x \$ 18.00 =	\$18.00
	<b>INDEPENDENT CLAIMS</b>	3 - 3 =	0	x \$ 86.00 =	0.00
	<b>MULTIPLE DEPENDENT CLAIM(S)</b> (if applicable)			+ \$ 290.00	\$290.00
<b>BASIC FEE</b>	<b>U.S. PTO WAS NOT INTERNATIONAL PRELIMINARY EXAMINATION AUTHORITY</b>				
	Where no international preliminary examination fee as set forth in § 1.482 has been paid to the U.S. PTO, and payment of an international search fee as set forth in Section 1.445(a)(2) to the U.S. PTO:				
	has been paid (37 C.F.R. § 1.492(a)(2)) ..... \$770.00				770.00
	Total of above Calculations				= 1,078.00
<b>SMALL ENTITY</b>	Reduction by 1/2 for filing by small entity, if applicable. Assertion must be made. (note 37 C.F.R. § 1.27)				- 539.00
	Subtotal				539.00
	Total National Fee				\$539.00
	Fee for recording the enclosed assignment document \$40.00 (37 C.F.R. § 1.21(h)). See Item 13 below). See attached "ASSIGNMENT COVER SHEET".				40.00
<b>TOTAL</b>	Total Fees enclosed				\$579.00

Attached is a check in the amount of \$579.00.

Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 14-0740.

A duplicate copy of this sheet is enclosed.

#### Assertion of Small Entity Status

Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.

- A copy of the International application as filed (35 U.S.C. § 371(c)(2)) is transmitted herewith.
- A translation of the International application into the English language (35 U.S.C. § 371(c)(2)) is not required as the application was filed in English.

10/501196

DT04 Rec'd PCT/PTO 09 JUL 2004

5. Amendments to the claims of the International application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been transmitted. Applicant chose not to make amendments under PCT Article 19.

Date of mailing of Search Report (from form PCT/ISA/210): 1 December 2003.

6. A translation of the amendments to the claims under PCT Article 19 (38 U.S.C. § 371(c)(3)) is not required as the amendments were made in the English language.
7. A copy of the international examination report (PCT/IPEA/409) Not required
8. Annex(es) to the international preliminary examination report is/are not required as the application was filed with the United States Receiving Office.
9. A translation of the annexes to the international preliminary examination report is not required as the annexes are in the English language.
10. An oath or declaration <sup>and power of attorney</sup> of the inventor (35 U.S.C. § 371(c)(4)) complying with 35 U.S.C. § 115 is submitted herewith, and such oath or declaration is attached to the application.
- II. Other document(s) or information included:
11. An International Search Report (PCT/ISA/210) or Declaration under PCT Article 17(2)(a) is transmitted herewith.
12. An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98 will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. § 371(c).
13. An assignment document is transmitted herewith for recording.
14. Additional documents:
- a. Copy of request (PCT/RO/101)
  - b. International Publication No. WO03/06052 including specification, claims and drawing
  - c. Preliminary amendment (37 C.F.R. § 1.121)
  - d. return postcard;
  - e. disk containing sequence listing, paper copy of same and statement that the two are identical
15. The above items are being transmitted before 30 months from any claimed priority date.

Date: 09 July 2004

10/501196  
DT04 Rec'd PCT/PTO 09 JUL 2004

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